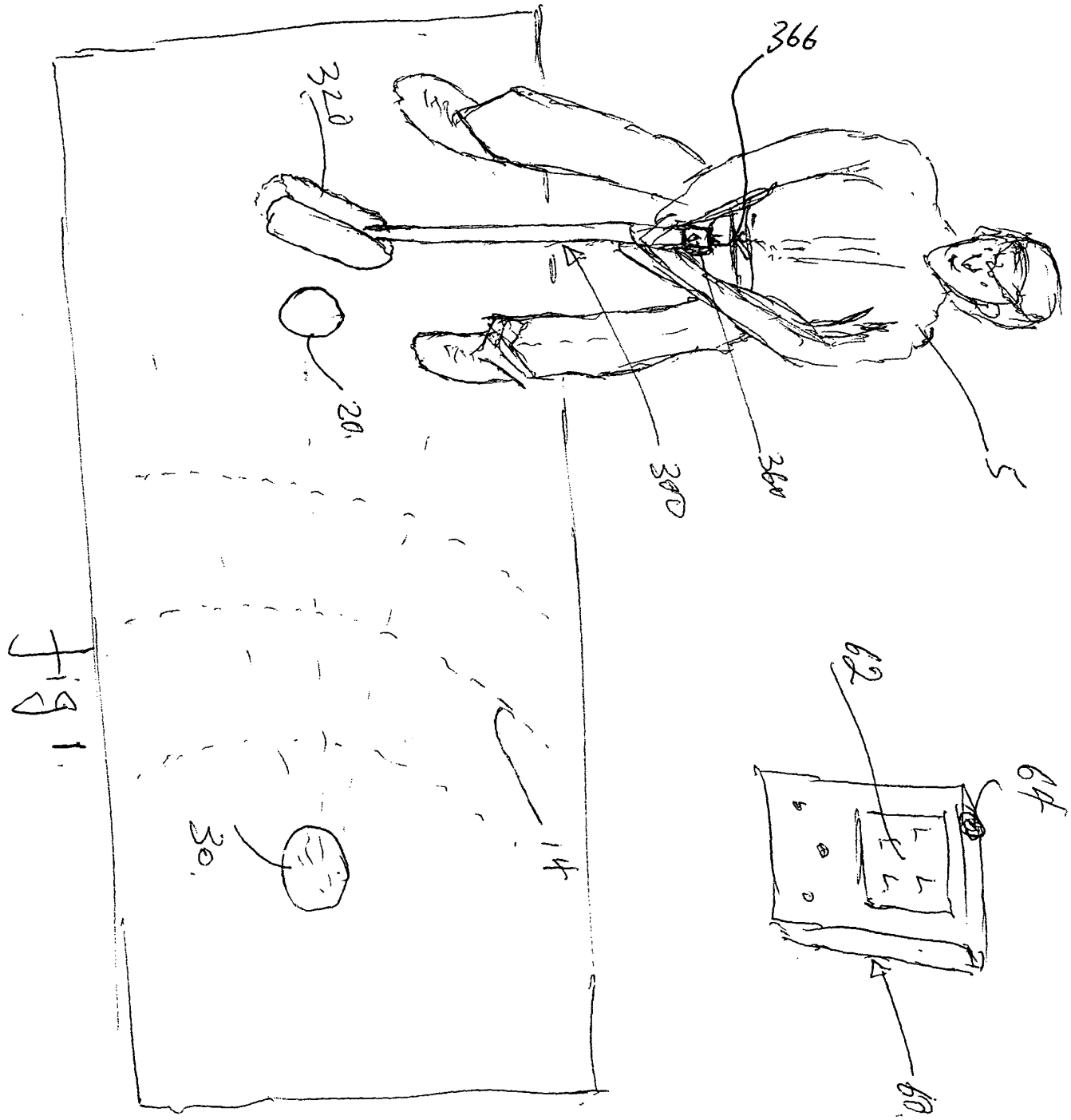


Fig. 1

Flow chart:

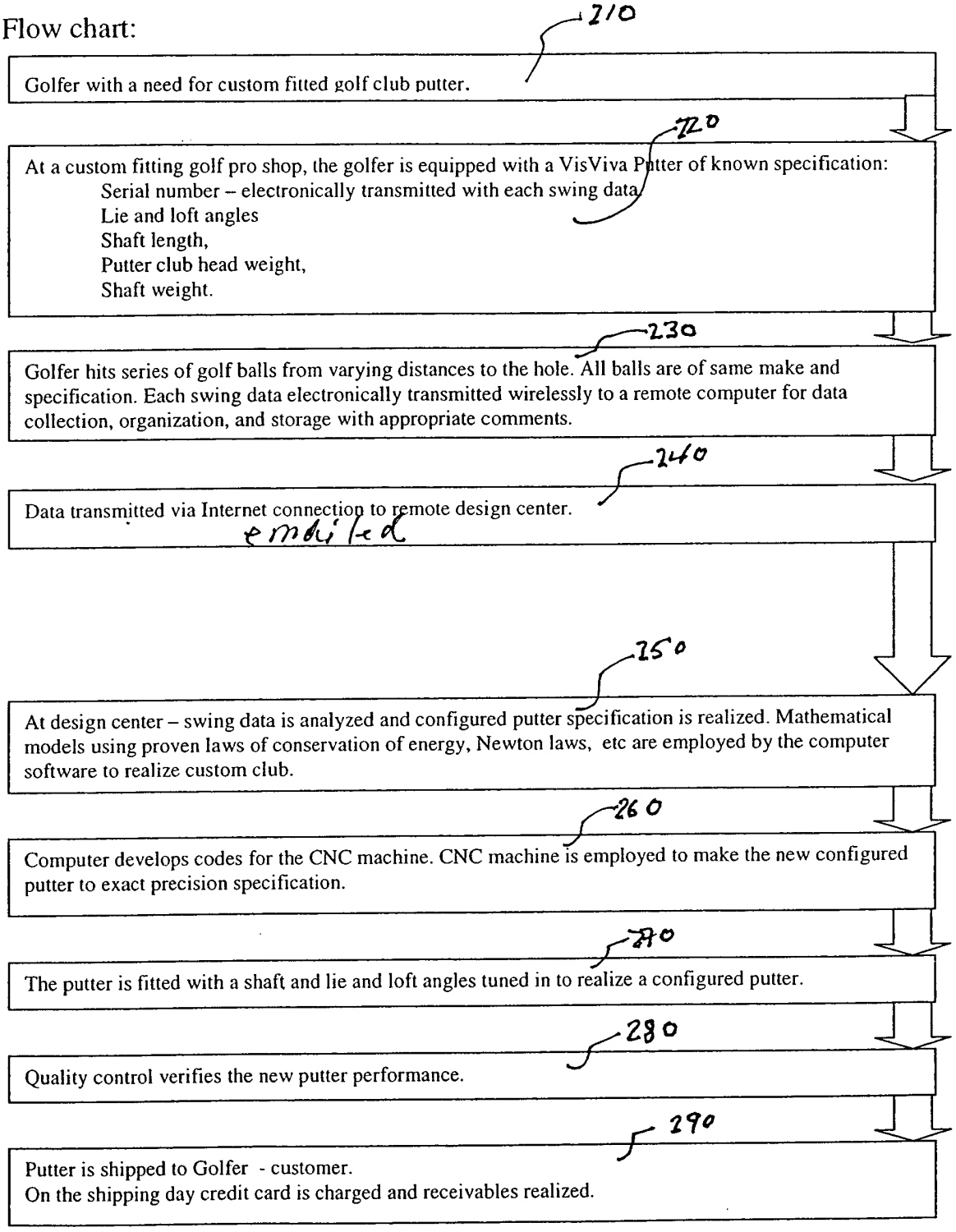
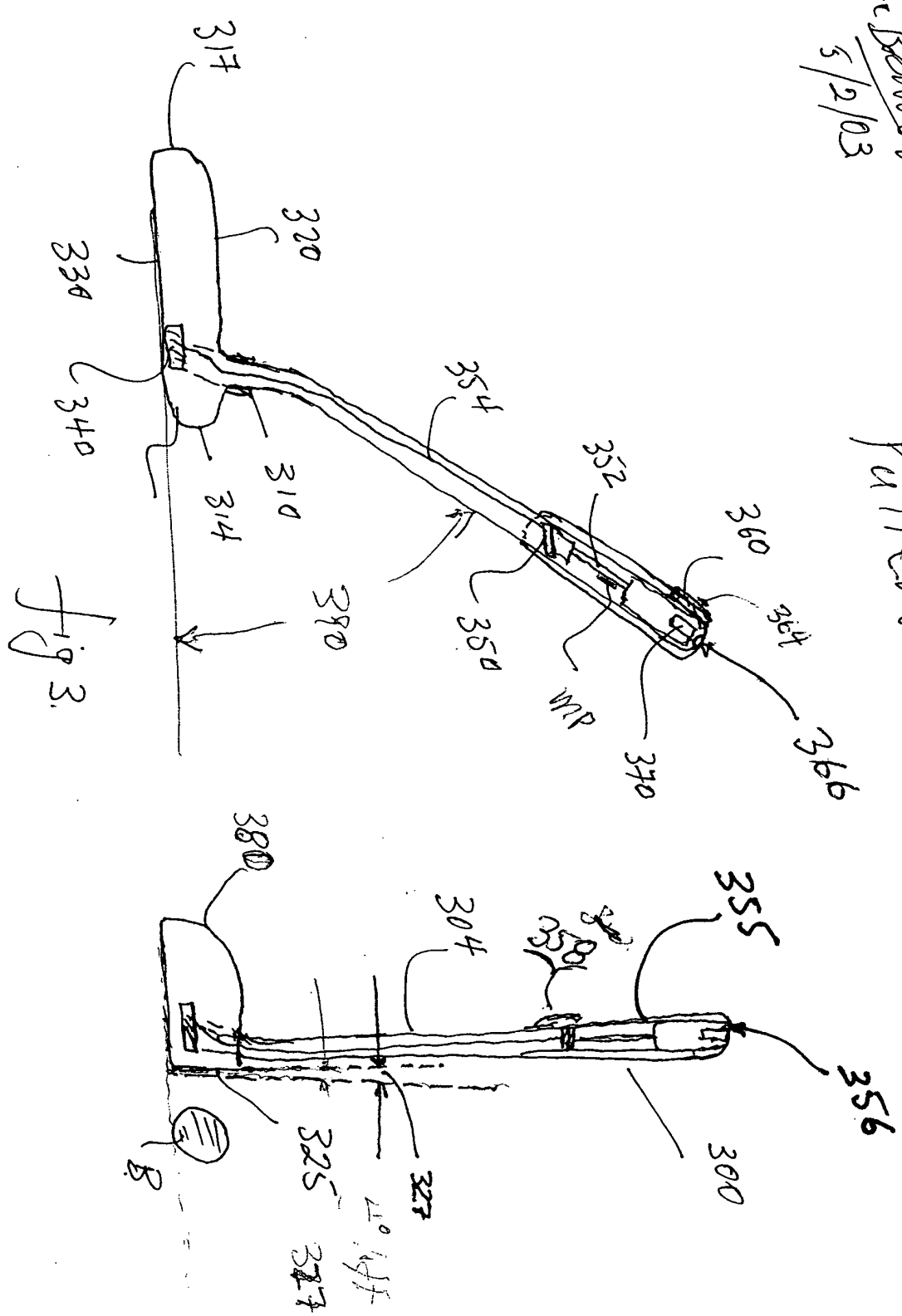


fig 2

Fig. Bohlen 5/2/03

Fig 3.



Vis Viva Putter
OR
Putter with Shock Absorbers

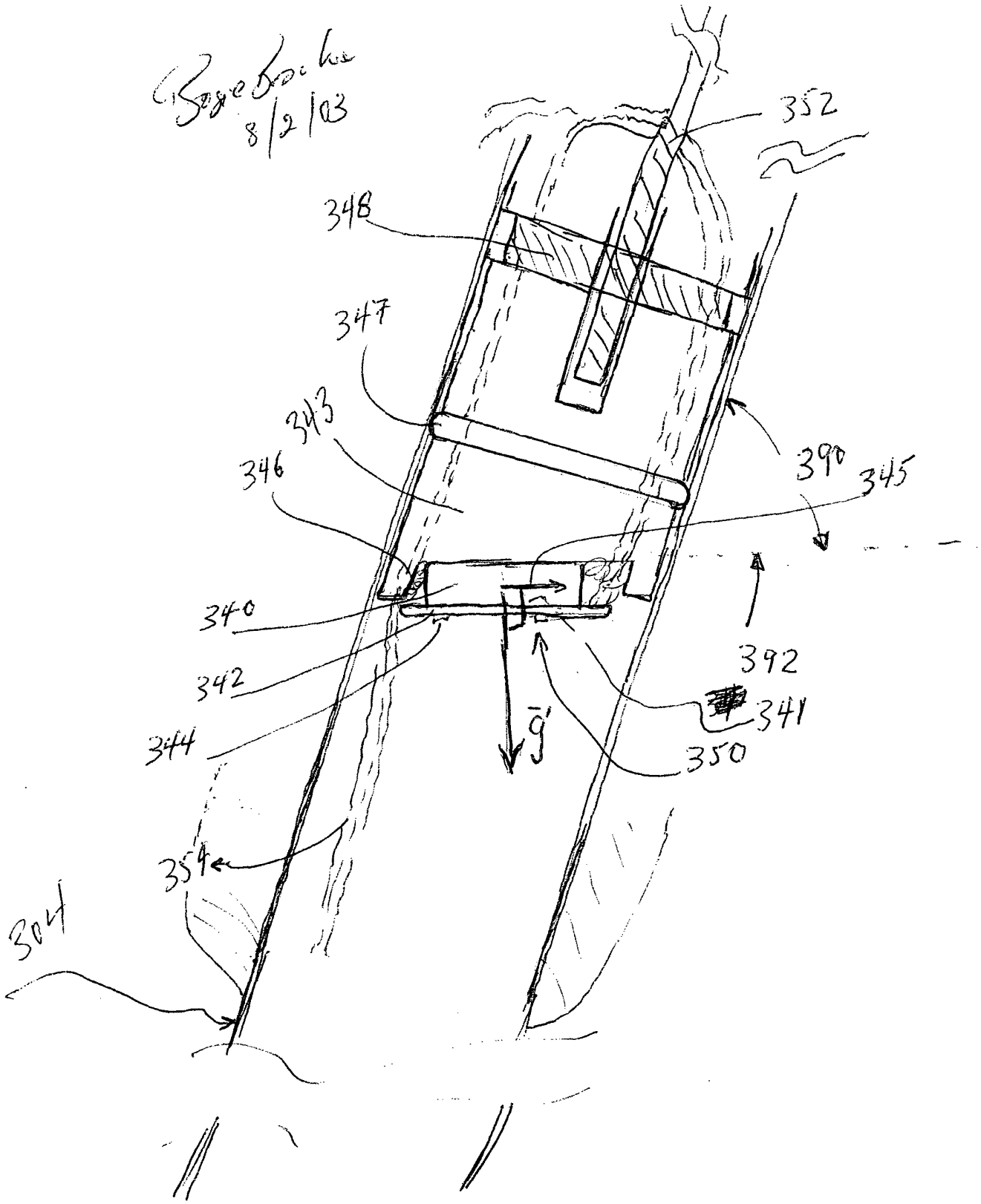

Sage Drive
8/2/03
352
348
347
343
346
390
345
340
342
344
392
341
350
354
304

Fig 3A.

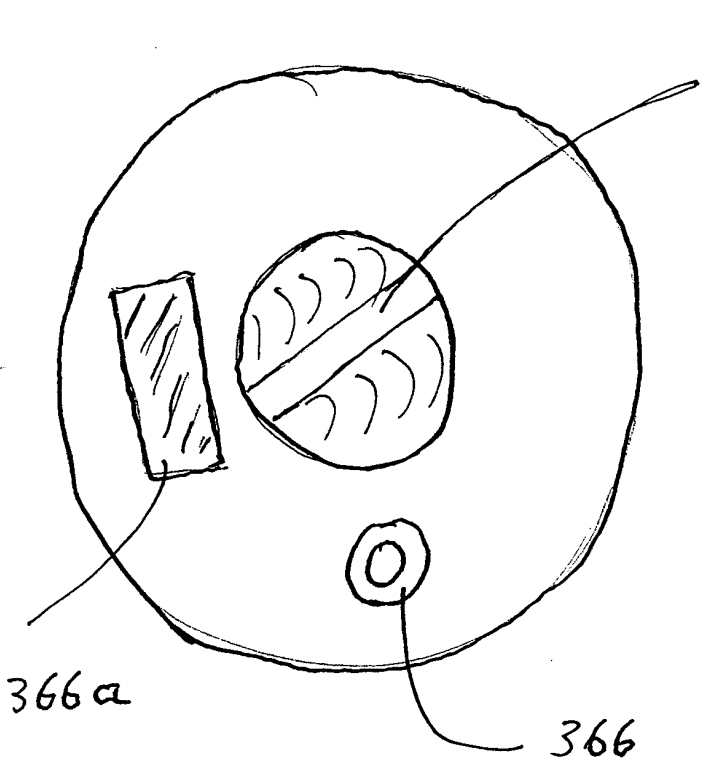


Fig 3B

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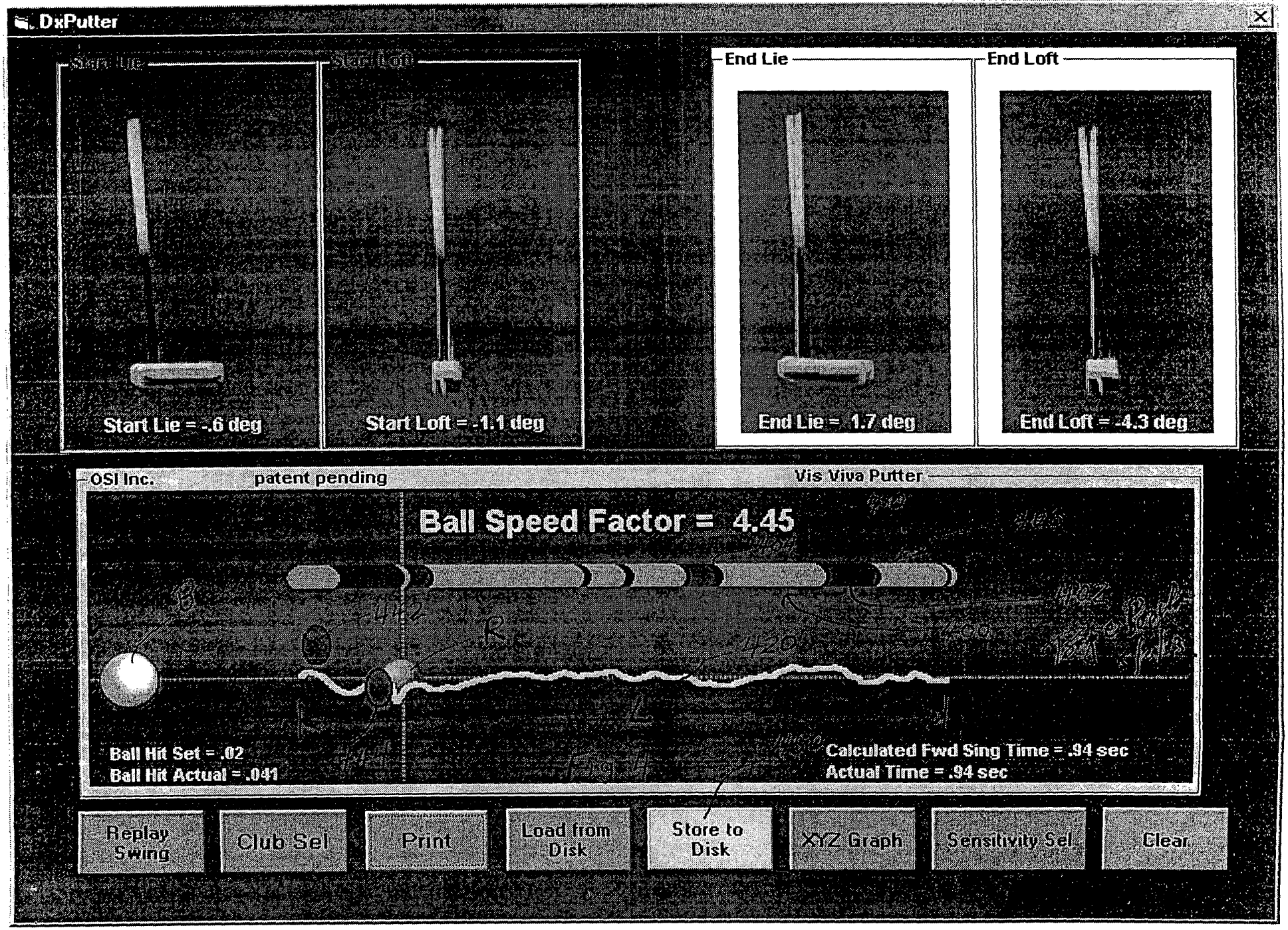
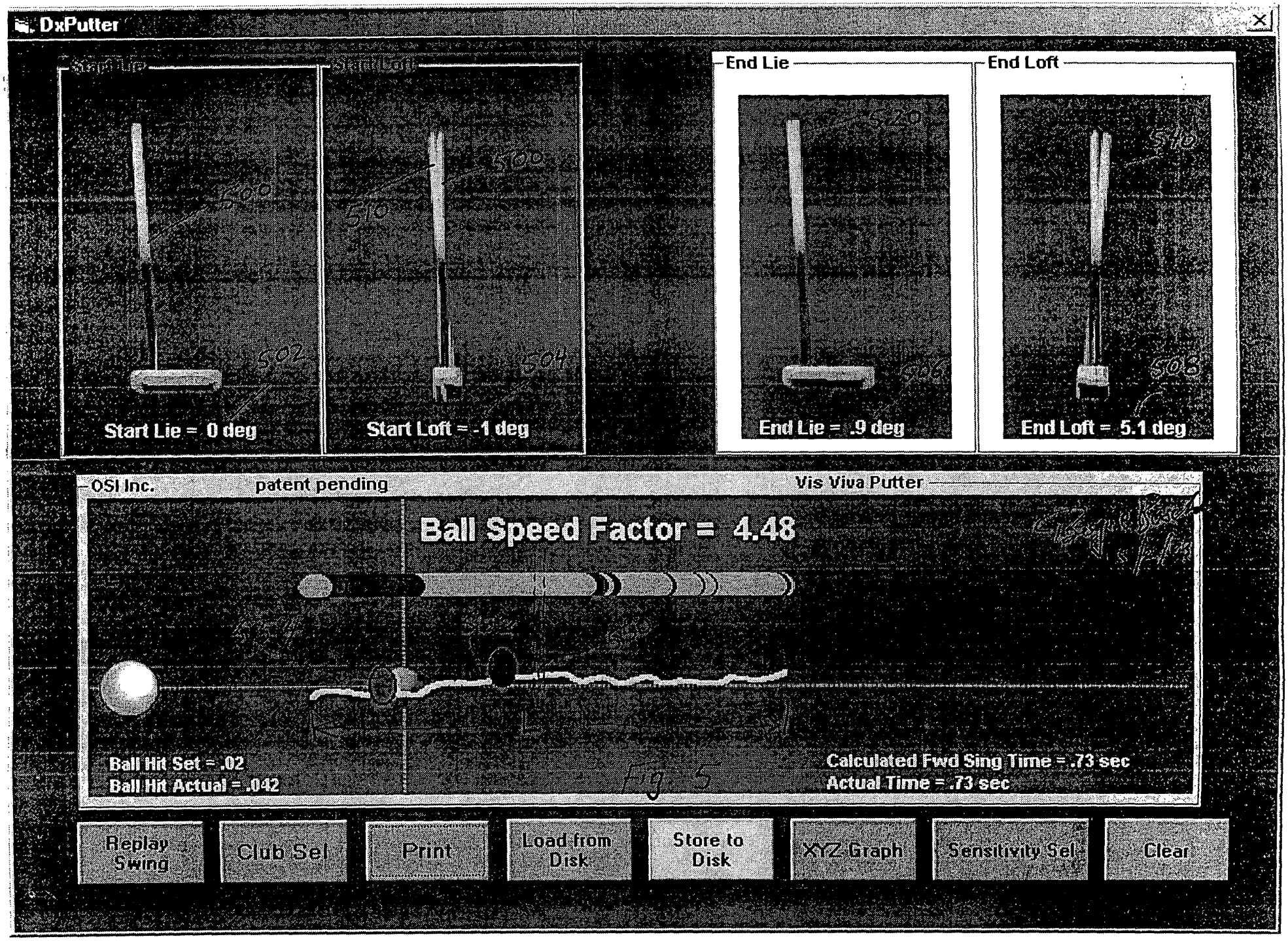

DxPutter
Start Lie
Start Loft
Start Lie = -.6 deg
Start Loft = -1.1 deg
End Lie
End Loft
End Lie = 1.7 deg
End Loft = -4.3 deg
OSI Inc.
patent pending
Vis Viva Putter
Ball Speed Factor = 4.45
Ball Hit Set = .02
Ball Hit Actual = .041
Calculated Fwd Sing Time = .94 sec
Actual Time = .94 sec
Replay Swing
Club Sel
Print
Load from Disk
Store to Disk
XYZ Graph
Sensitivity Sel.
Clear


DxPutter
Start Lie
Start Loft
End Lie
End Loft
Start Lie = 0 deg
Start Loft = -1 deg
End Lie = .9 deg
End Loft = 5.1 deg
OSI Inc.
patent pending
Vis Viva Putter
Ball Speed Factor = 4.48
Ball Hit Set = .02
Ball Hit Actual = .042
Calculated Fwd Sing Time = .73 sec
Actual Time = .73 sec
Fig. 5
Replay Swing
Club Sel
Print
Load from Disk
Store to Disk
XYZ Graph
Sensitivity Sel
Clear

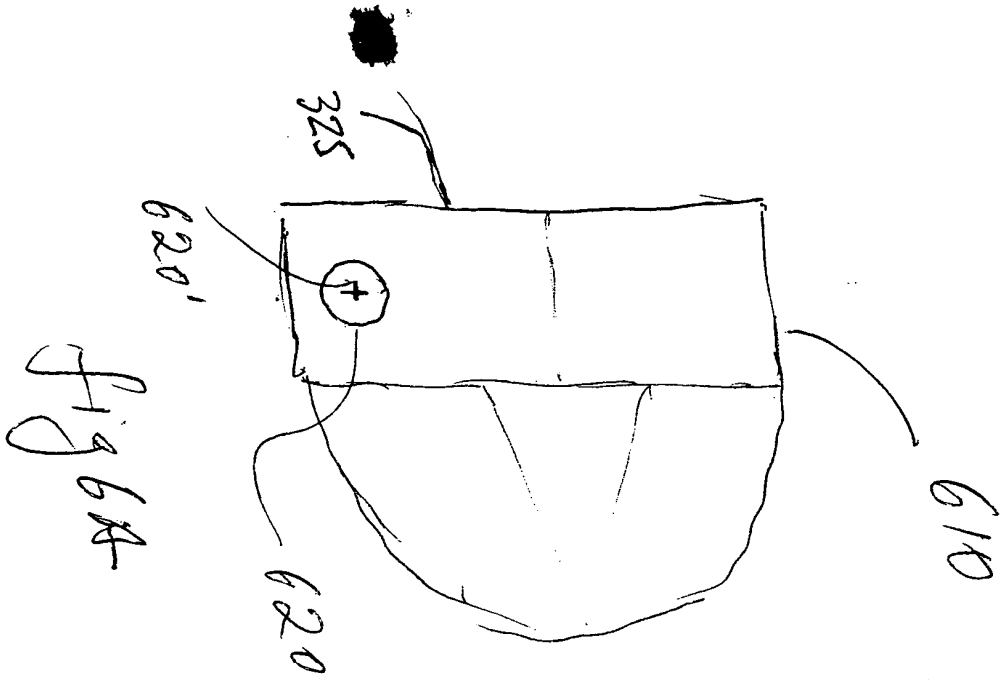


Fig 6A

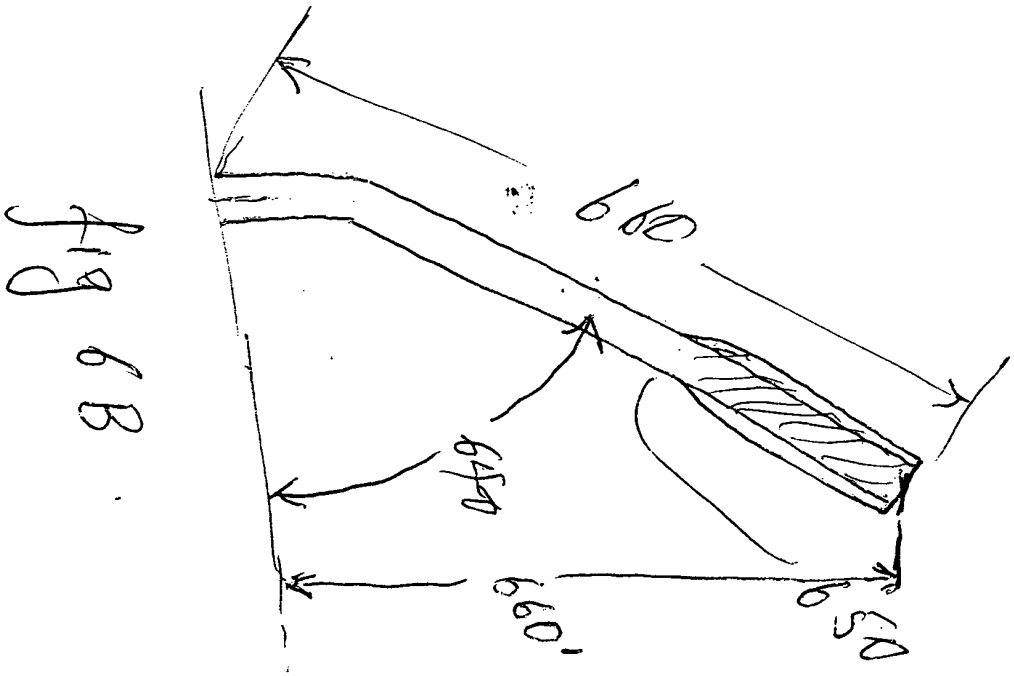
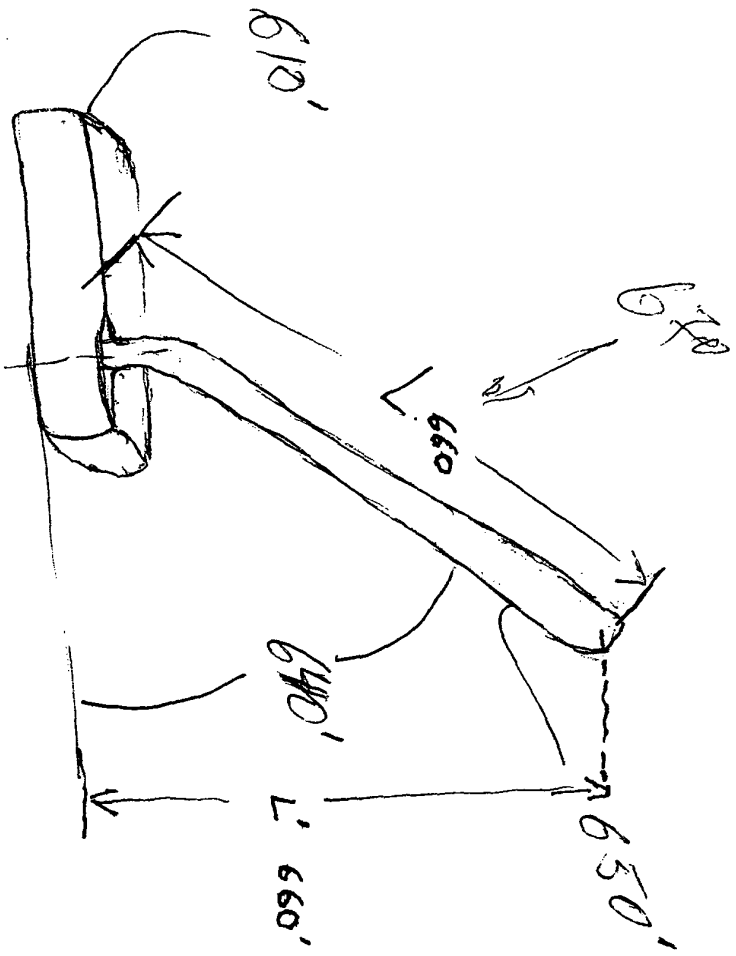


Fig 6B



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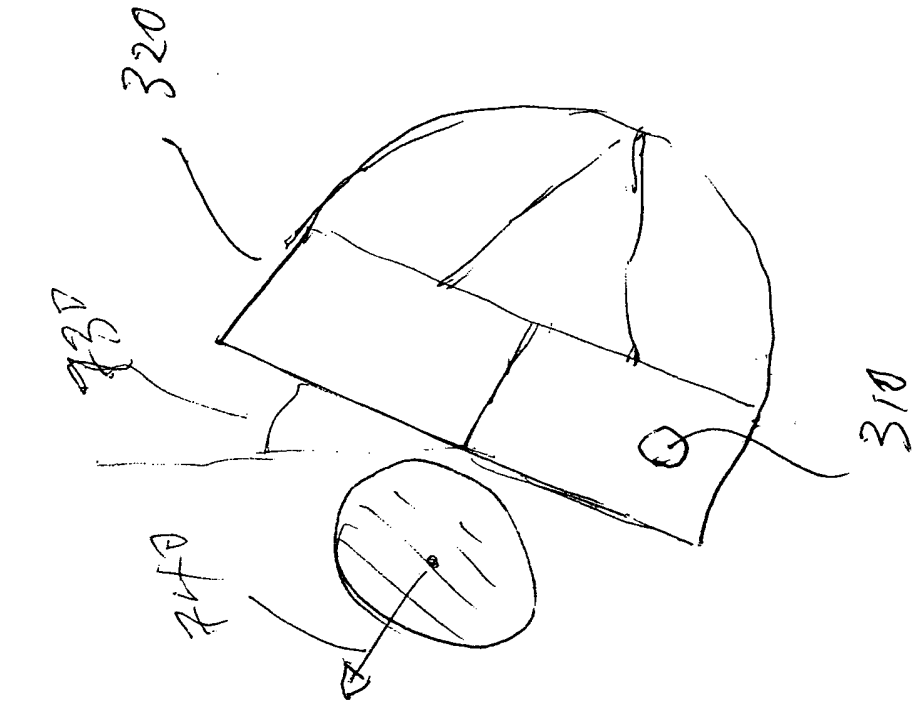


Fig 7B

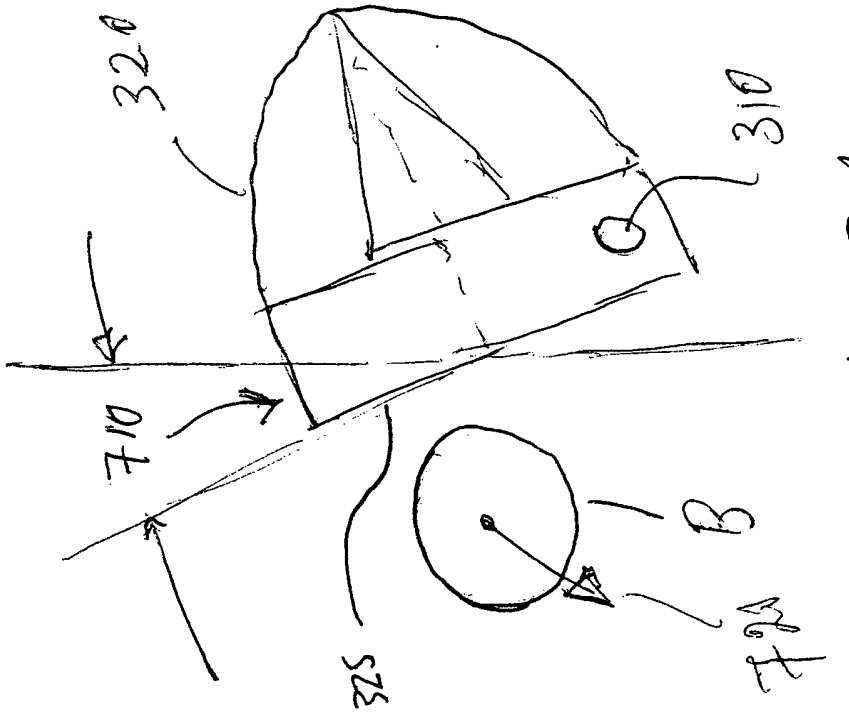
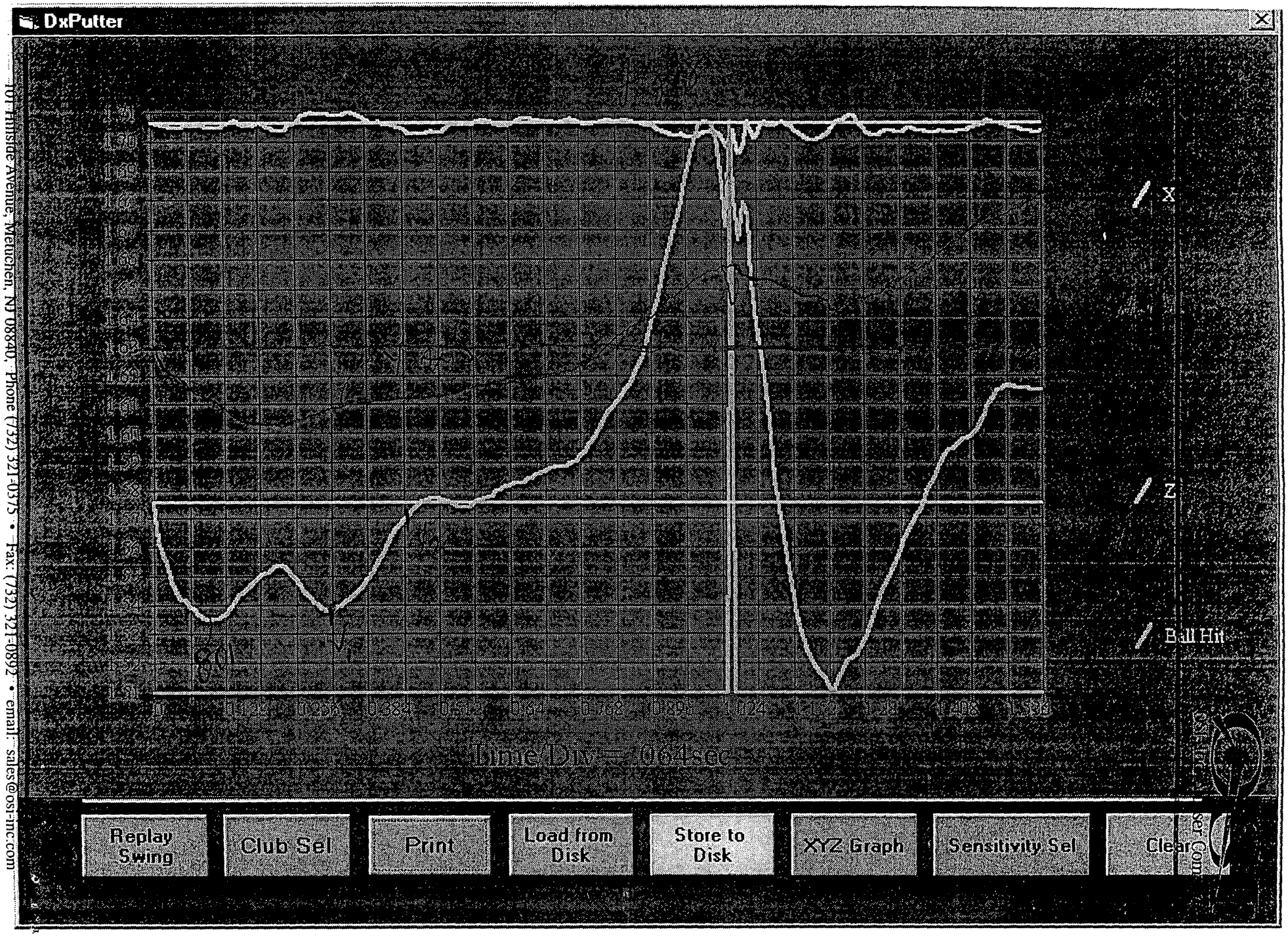


Fig 7A

Fig 7



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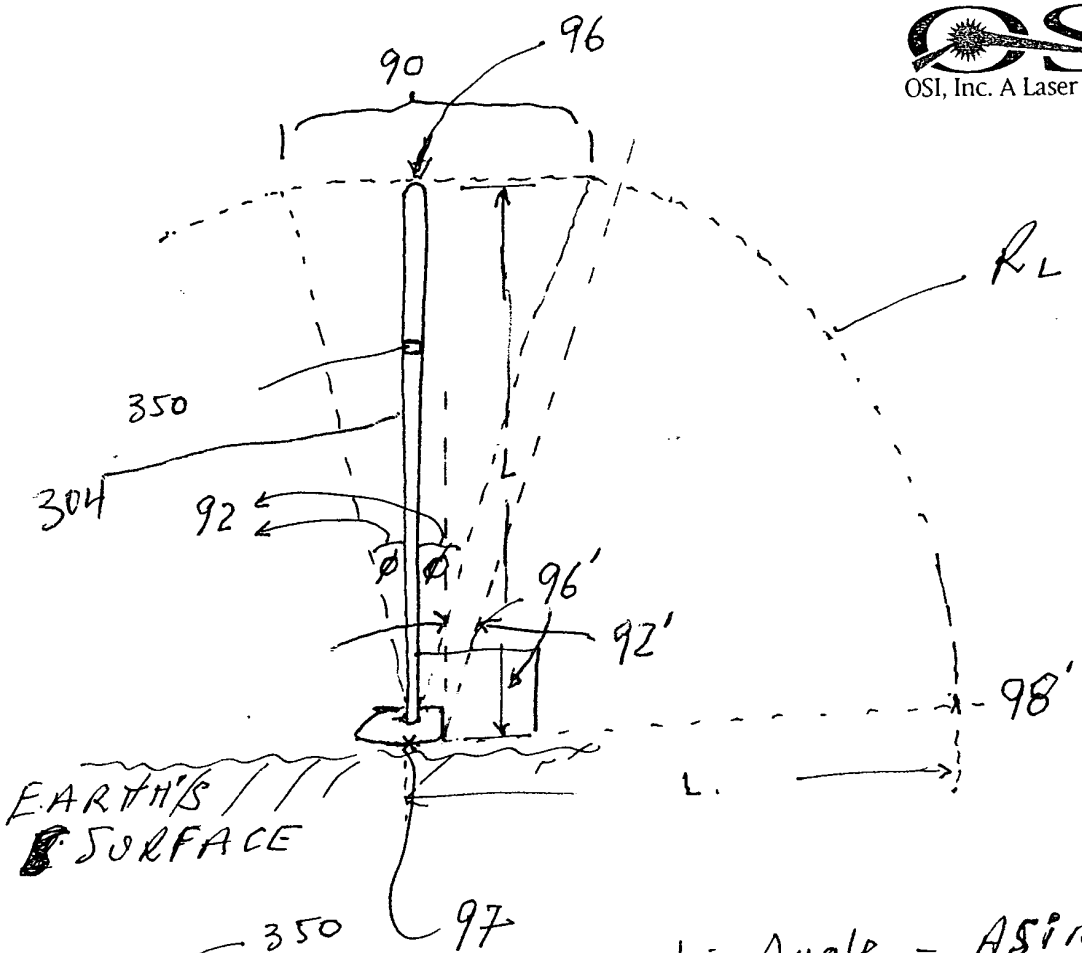
OSI
OSI, Inc. A Laser Company



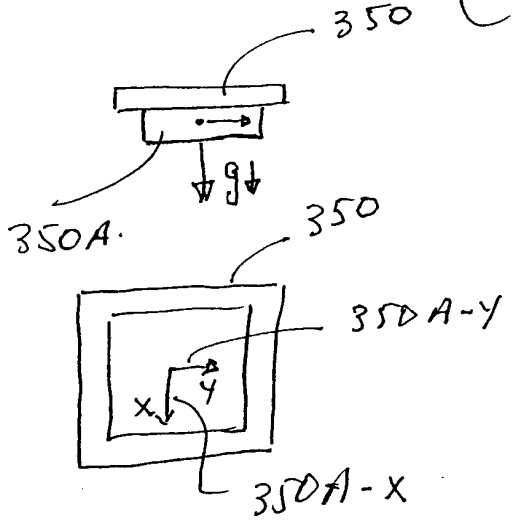


fig 9A

Lie Angle = ASin (Ax/1g

Loft Angle = ASin (Ay/1g)

ϕ = angular displacement for lie angles, or for Loft angles.

fig 9

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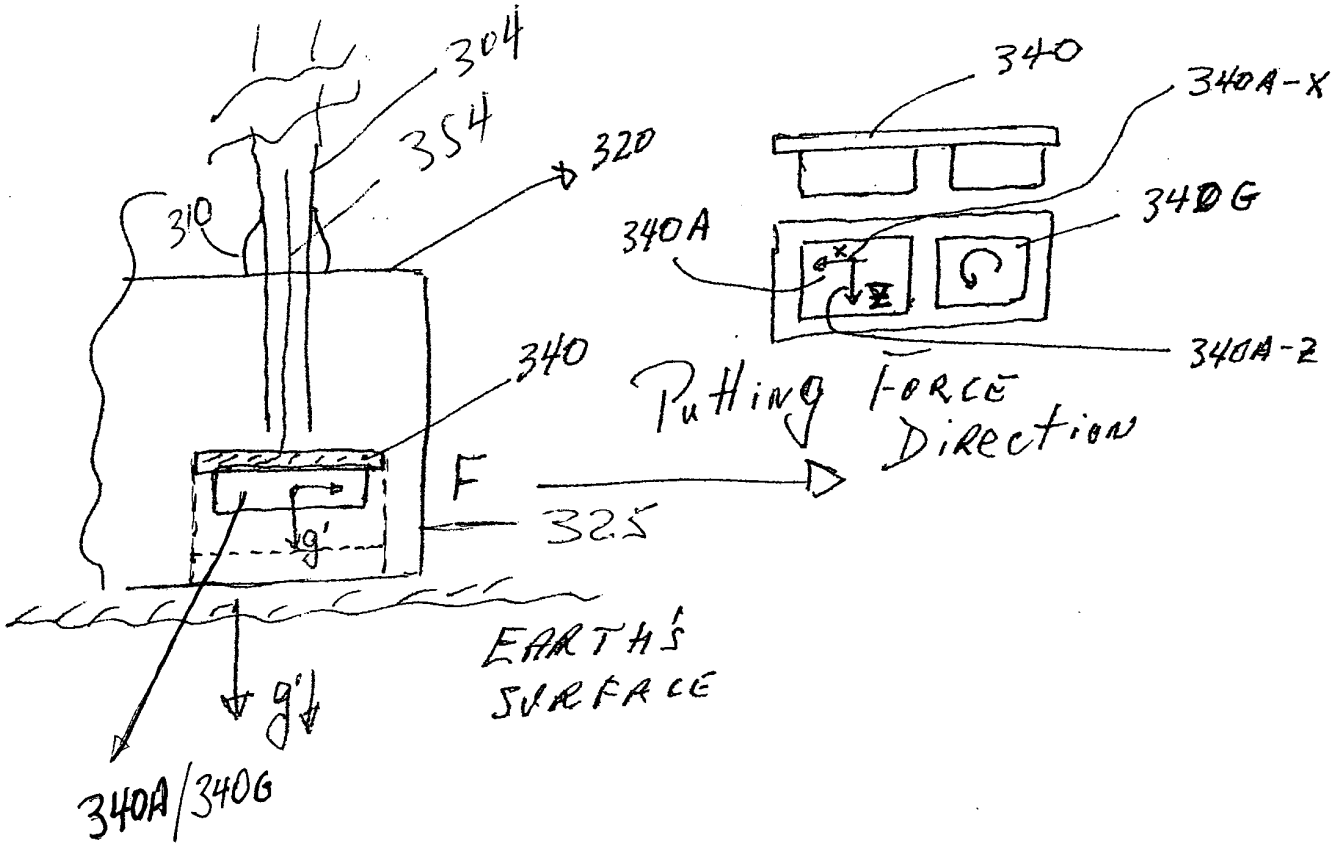

fig 10.

System Block Diagram.
Golf Club.

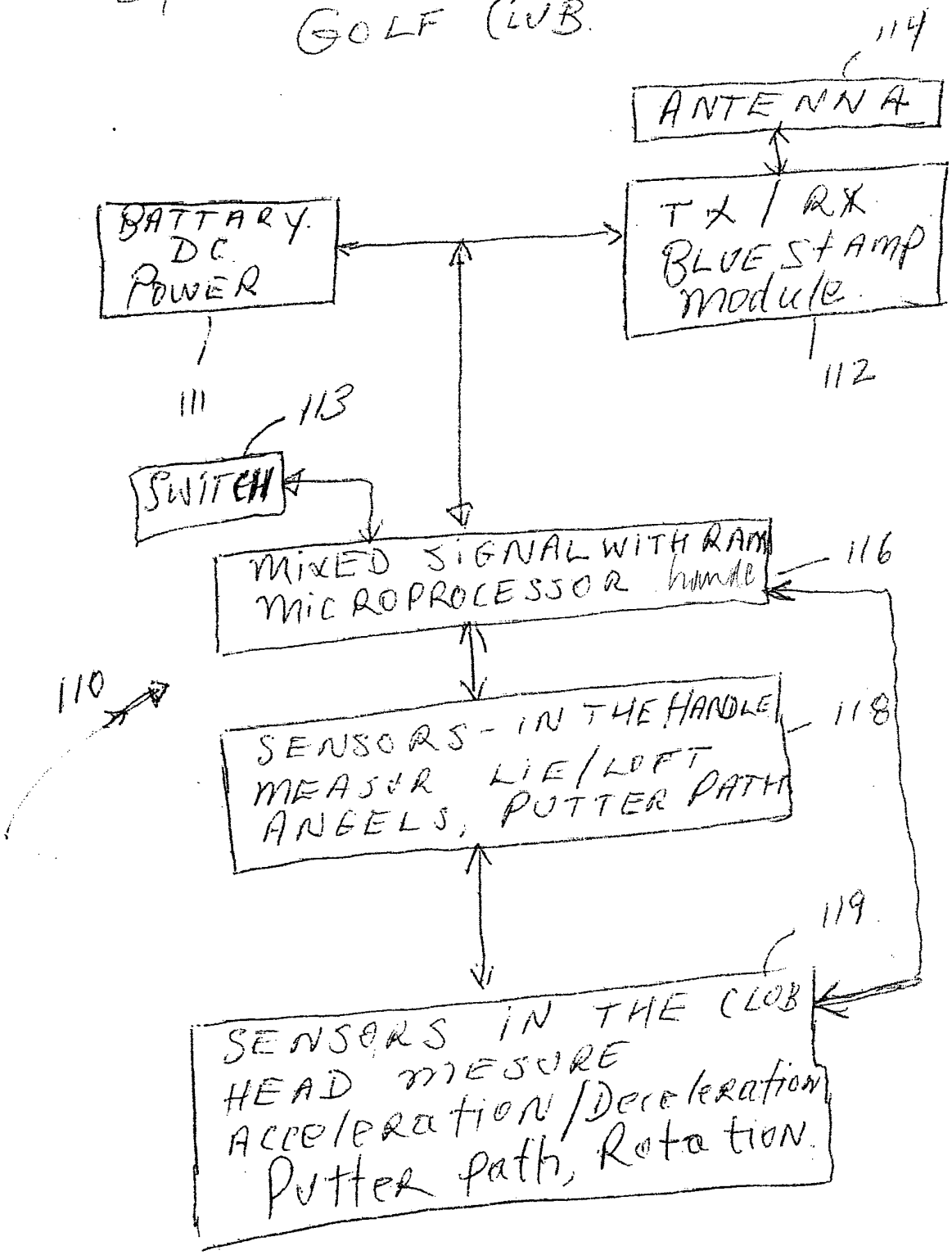

Fig 11.A.

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System Block Diagram. Golf Club.

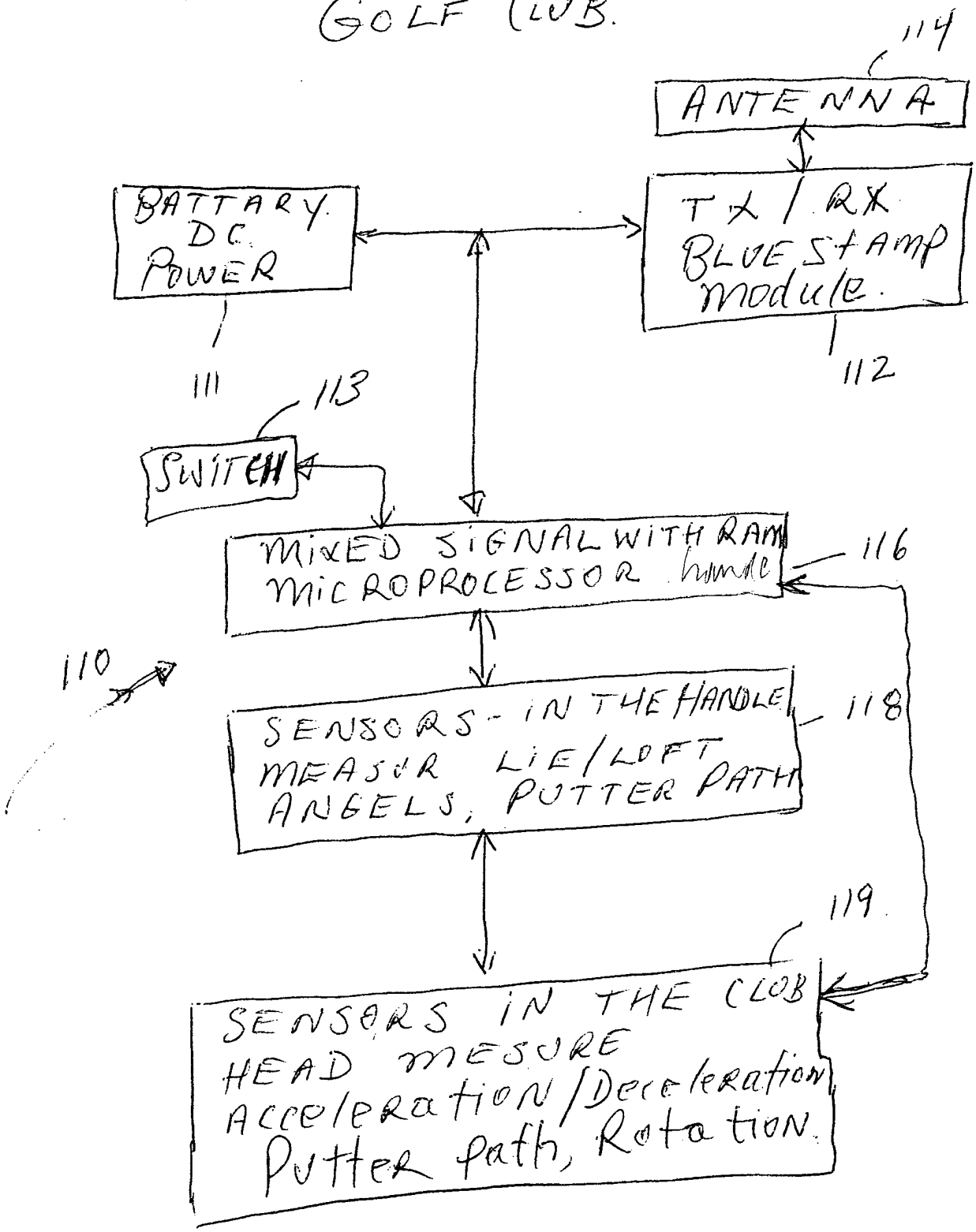

Fig 11.A.

System Block Diagram.

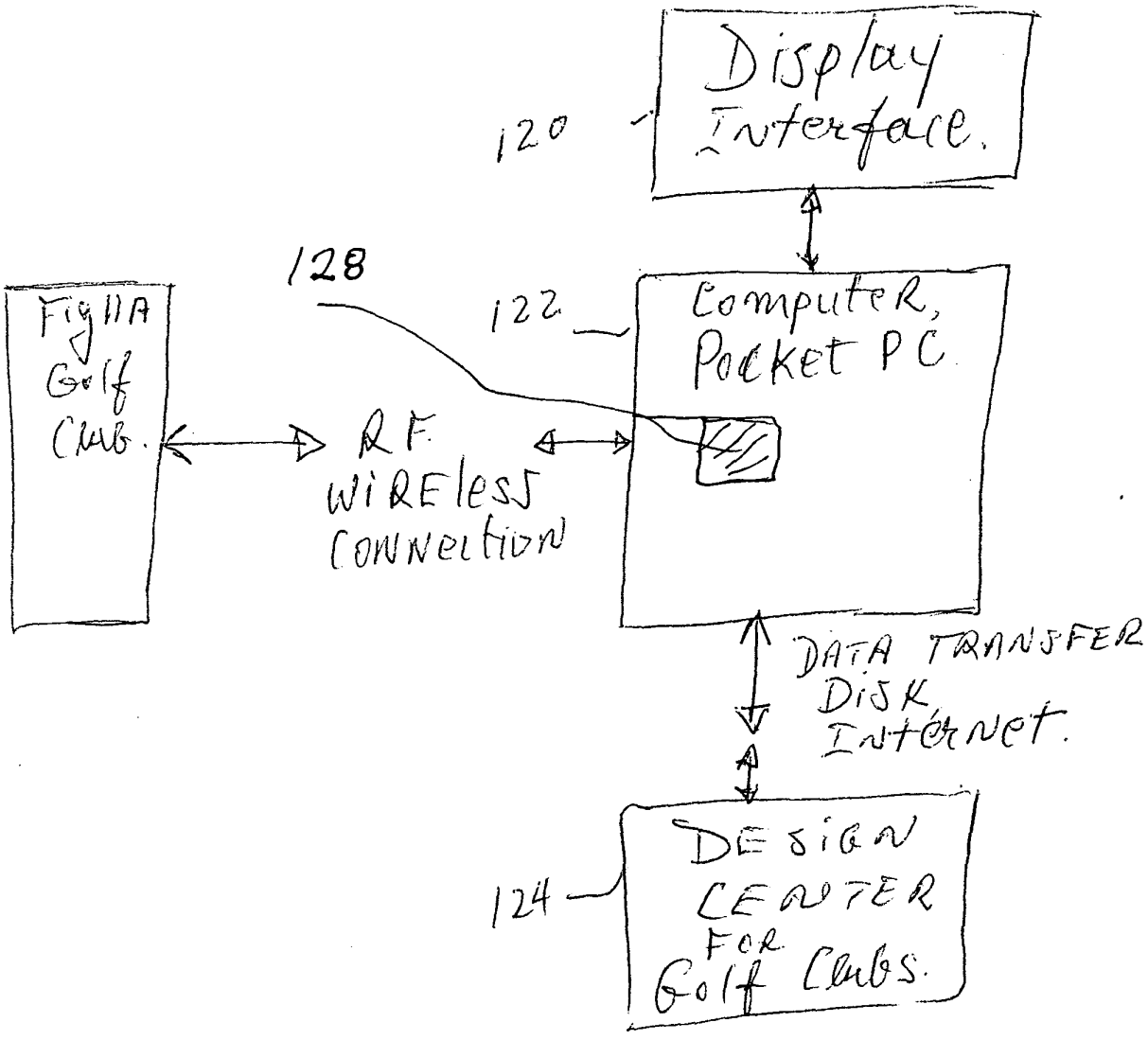

Fig 11 B.

System Block Diagram

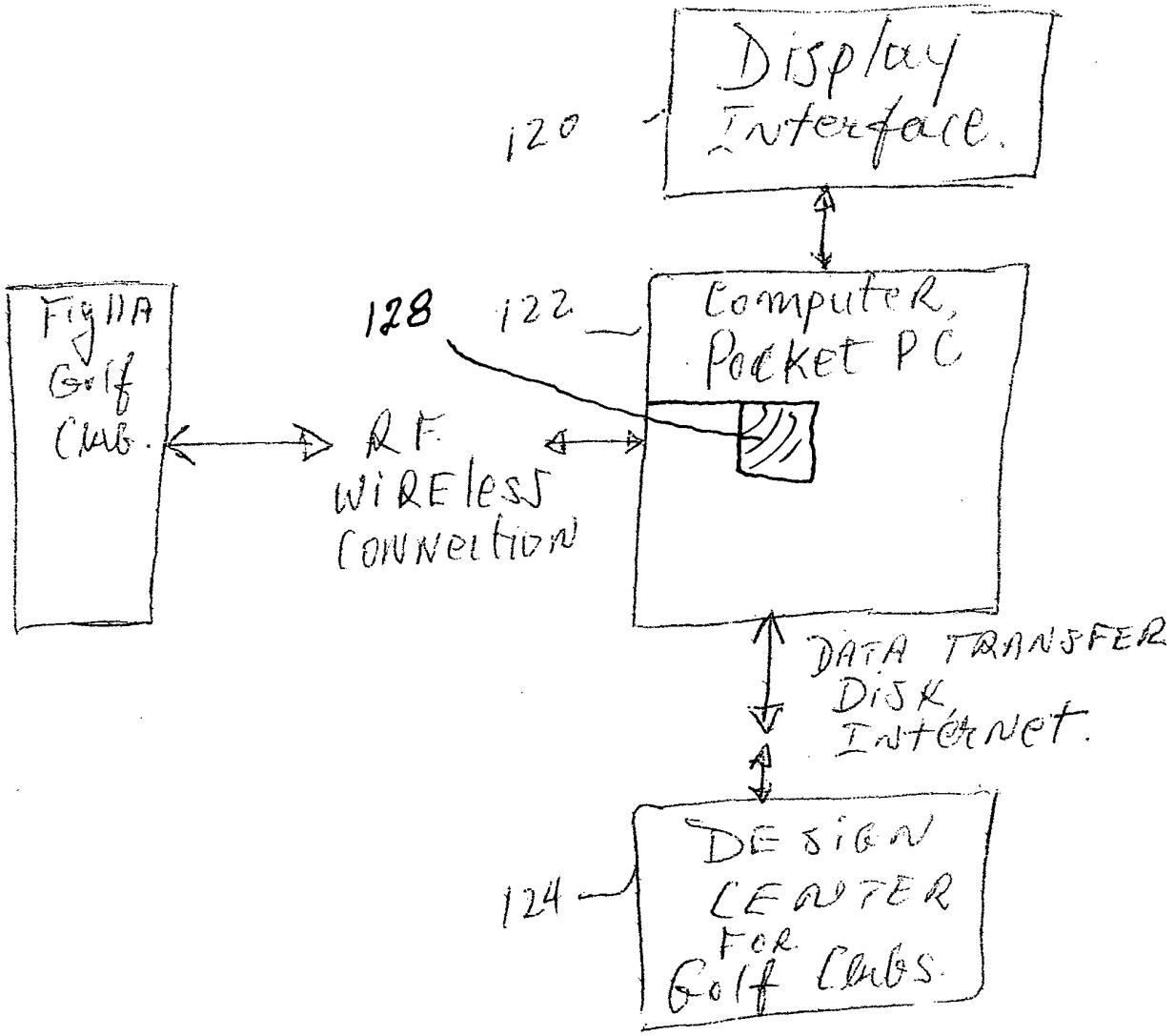

Fig 11B